

Subject Index to Volume 214 (July–December 1991)

A

- Abdomen, blunt trauma of, appendicitis after, 61
- Acetaldehyde, in pathogenesis of alcoholic pancreatitis, 671
- AIDS, and HIV infection in elective surgery patients, 562
- Alcoholic pancreatitis, acetaldehyde in pathogenesis of, 671
- Aneurysms of abdominal aorta, late complications of tube-graft repair in, 733
- Angiogenic growth factor therapy, in duodenal ulcer, 414
- Angiotensin-converting enzyme inhibition, and intimal hyperplasia in vein grafts, 727
- Animal studies
 - adverse effects of vasoconstrictors in acute pancreatitis, 168
 - anti-tumor effects of methionine deprivation with 5-fluorouracil, 83
 - arteriosclerosis affected by fish oil vs safflower oil after heart transplant, 155
 - bacterial translocation during sepsis, 24
 - captopril affecting intimal hyperplasia in vein grafts, 727
 - cytokine patterns in sepsis, 141
 - dexamethasone affecting bacterial translocation, 719
 - dietary fat affecting peritonitis outcome, 74
 - gallstone inhibition by lovastatin, 149
 - Hybrid Artificial Pancreas in pancreatectomized dogs, 339
 - hypertonic resuscitation in endotoxin shock, 64
 - intrathymic islet transplantation in diabetic BB rats, 363
 - lymphatic drainage of skin, 637
 - pulsatile reperfusion after cardiac arrest, 478
 - tumor necrosis factor affecting wound healing, 175
- Antibiotics in peritonitis, 543, (Editorial) 550
- Antibodies
 - anti-idiotypic, in immunomodulation of kidney and heart transplants, 522
 - in imaging of colorectal cancer, 118
- Antidiuretic hormone levels in burns, blood volume affecting, 213
- Aorta
 - abdominal
 - operative approaches to visceral segment of, 276
 - tube-graft repair of aneurysms in, late complications of, 733
 - dissection management and outcome, 31
- Aortic root replacement, sixteen-year experience with, 308
- Appendicitis after blunt abdominal trauma, 61
- Atherosclerosis
 - affected by fish oil vs safflower oil after heart transplant, 155
 - and surgical treatment of chronic visceral ischemia, 276

B

- Bacterial translocation
 - glucocorticoids affecting, 719
 - during sepsis, 24
- Bile composition affected by colectomy in ulcerative colitis, 396
- Biliary tract
 - atresia of, long-term experience with, 590
 - cholelithiasis. See Gallstones
 - laparoscopic cholecystectomy, 531
- Blood contamination risk in operating room personnel, 614
- Blood volume, and salt and water balance in burns, 213
- Bone, chronic traumatic wounds of, treatment of, 241
- Book reviews, 89, 193, 642

Brain

- calcitonin gene-related peptide affecting cerebral blood flow, 440

- recovery after pulsatile reperfusion in cardiac arrest, 478

Breast

- carcinoma of
 - extent of resection before radiotherapy, 200
 - NSABP trials of adjuvant chemotherapy, 206
- lymphoma of, 724

- Budd-Chiari syndrome, portosystemic shunting vs liver transplantation in, 581

Burns

- and bacterial translocation during sepsis, 24
- immunosuppression after, role of PGE₂ in, 253
- salt and water balance in, 213

C

- Calcitonin gene-related peptide, vasodilatory effects of, 440
- Captopril, and intimal hyperplasia in vein grafts, 727
- Carcinoid tumor, neurotensin gene release in, 448
- Carcinoma. See Tumor
- Cerebral blood flow, calcitonin gene-related peptide affecting, 440
- Chemotherapy, adjuvant, in breast cancer, NSABP trials of, 206
- Cholecystectomy, laparoscopic, 531
- Cholecystokinin levels, after pylorus-preserving pancreatoduodenectomy with Billroth-I reconstruction, 56
- Cholelithiasis. See Gallstones
- Cholesterol
 - crystals in bile after colectomy in ulcerative colitis, 396
 - gallstones inhibited by lovastatin, 149
- Cimetidine, and basic fibroblast growth factor levels in duodenal ulcer bed, 414
- Circulatory support, mechanical, evolving experience with, 471
- Cirrhosis, and recurrence of hepatocellular carcinoma after resection, 114
- Colectomy affecting bile composition in ulcerative colitis, 396
- Colitis, ulcerative, colectomy affecting bile composition in, 396
- Colorectal cancer
 - antibody imaging of, 118
 - liver metastasis of, and outcome after hypotension during resection, 107
 - second-look surgery in, 321
 - staging of, 11
- Constipation, severe chronic, surgery in, 403
- Crohn's disease, experience with 1379 patients, 230
- Cyclosporine, ten-year experience in renal graft recipients, 42
- Cytokines
 - macrophage-activating, and acute septic response, 502
 - patterns in sepsis, 141

D

- Dexamethasone affecting bacterial translocation, 719
- Diet. See Nutrition
- Diltiazem, and gut absorptive capacity after hemorrhagic shock, 712
- DNA content of pancreatic cancer cells, (Editorial) 645, 648
- Duodenal ulcer, angiogenic growth factor therapy in, 414

E

- Edema of body organs after IL-2 infusion, mediated by neutrophils, 181
- Editorials, 1, 97, 550, 553, 645
- Embolism, popliteal artery, delayed, 50
- Endotoxin shock, hypertonic resuscitation in, 64
- Enterocolitis, necrotizing, changing trends in, 300
- Esophagus, three-dimensional imaging of lower sphincter in gastroesophageal reflux, 374
- Ethics, and training of residents, 197

F

- Fat, dietary, and peritonitis outcome, 74
- Fibroblastic growth factor, basic, as therapy in duodenal ulcer, 414
- Fluid administration, and hypertonic resuscitation in endotoxin shock, 64

G

- Gallbladder, laparoscopic cholecystectomy, 531
- Gallstones
 - after colectomy in ulcerative colitis, 396
 - cholesterol, inhibition by lovastatin, 149
 - pancreatitis with, sex differences in, 667
- Gastrin levels, after pylorus-preserving pancreatoduodenectomy with Billroth-I reconstruction, 56
- Gastroesophageal reflux, 3-D imaging of lower esophageal sphincter in, 374
- Gastrointestinal tract
 - angiogenic growth factor therapy in duodenal ulcer, 414
 - bacterial translocation in gut barrier failure during sepsis, 24
 - changing trends in necrotizing enterocolitis, 300
 - colectomy affecting bile composition in ulcerative colitis, 396
 - dexamethasone affecting bacterial translocation, 719
 - experience with Crohn's disease, 230
 - gut absorptive capacity after hemorrhagic shock, 712
 - sarcomas of, 569
 - second-look surgery in colorectal cancer, 321. See also Colorectal cancer
 - surgery in severe chronic constipation, 403
- Glutamine-enriched intravenous feedings, in catabolic patients, 385
- Granulocyte elastase production by leukocytes in trauma patients, 187

H

- Heart
 - pulsatile reperfusion after cardiac arrest, 478
 - transplantation of
 - and arteriosclerosis affected by fish oil vs safflower oil, 155
 - experience with mechanical circulatory support in, 471
 - immunomodulation by anti-idiotypic antibodies, 522
- Heart-lung transplantation, evolution and new applications of, 456
- Hemorrhagic shock, gut absorptive capacity after, 712
- HIV infection in elective surgery patients, 562
- Hyperparathyroidism, closed mediastinal exploration in, 555
- Hypotension, in resection of metastatic liver disease, 107

I

- Immunity, mucosal, dexamethasone affecting, 719
- Immunodeficiency virus infection, in elective surgery patients, 562
- Immunomodulation of kidney and heart transplants by anti-idiotypic antibodies, 522
- Immunomodulatory therapy, thymopentin and indomethacin in, 264
- Immunosuppression
 - after injury, role of PGE₂ in, 253
 - and experience with cyclosporine in renal allografts, 42
- Indomethacin with thymopentin, in immunomodulatory therapy, 264
- Infections
 - antibiotics in peritonitis, 543, (Editorial) 550
 - and bacterial translocation during sepsis, 24
 - blood contamination risk in operating room personnel, 614
 - cytokine patterns in, 141
 - dietary fat affecting peritonitis outcome, 74
 - HIV infection in elective surgery patients, 562
 - macrophage-activating cytokines in acute septic response, 502
 - nitrogen oxide levels in sepsis, 621
- Intensive care units, care of surgical patients in, 19
- Interferon- γ , and modulation of acute septic response, 502
- Interleukins
 - IL-2 inducing early organ edema mediated by neutrophils, 181
 - plasma levels in sepsis, 141
 - production of IL-2 affected by PGE₂ after injury, 253
 - restoration of IL-2 synthesis with thymopentin and indomethacin, 264
 - role of IL-4 in acute septic response, 502
- Ischemia, chronic visceral, 276

K

- Kidney transplantation
 - causes of allograft loss in, 679
 - experience with cyclosporine immunosuppression in, 42
 - immunomodulation by anti-idiotypic antibodies, 522
 - pancreas transplant with, 703

L

- Laparoscopic cholecystectomy, 531
- Leukocyte superoxide production in trauma, 187
- Liver
 - metastasis detection with duplex/color Doppler sonography, 599
 - outcome of metastatic disease resection affected by hypotension, 107
 - recurrence of carcinoma after resection in cirrhosis, 114
 - risks of resection, 689
 - transplantation of
 - in children, from living related donors, 428
 - compared to portosystemic shunting in Budd-Chiari syndrome, 581
 - compared to resection in carcinoma, 221
 - preoperative portal vein pathology affecting, 696
- Lovastatin, and cholesterol gallstone inhibition, 149
- Lung transplantation, evolution and new applications of, 456
- Lymphadenectomy in metastatic melanoma, improved survival with, 491

Lymphatic drainage of skin, in feline model, 637
 Lymphoma of breast, 724

M

Mediastinum, closed exploration in hyperparathyroidism, 555
 Melanoma, metastatic
 improved recovery after lymphadenectomy in, 491
 prognostic factors in, 627
 two lymph node areas in, 125
 Metabolism, regional total pancreatectomy affecting, 131
 Methionine deprivation, anti-tumor effect of, 83
 Mucosal immunity, dexamethasone affecting, 719

N

Necrotizing enterocolitis, changing trends in, 300
 Necrotizing pancreatitis, resection vs peritoneal lavage in, 663
 Neurologic function after pulsatile reperfusion in cardiac arrest, 478
 Neurotensin gene release in carcinoid tumor, 448
 Neutrophils
 in mediation of organ edema after IL-2 infusion, 181
 superoxide production in trauma, 187
 Nitrogen oxide levels in sepsis and trauma, 621
 Nutrition
 anti-tumor effects of methionine deprivation with 5-fluorouracil, 83
 arteriosclerosis affected by fish oil vs safflower oil after heart transplant, 155
 fat composition affecting peritonitis outcome, 74
 glutamine-enriched intravenous feeding in catabolic patients, 385

O

Operating room personnel, risk of blood contamination in, 614
 Oxygen tension and perfusion affecting wound healing, 605

P

Pancreas
 cancer of
 DNA content of cells in, (Editorial) 645, 648
 mutation of Ki-ras gene in, 657
 Hybrid Artificial Pancreas in pancreatectomized dogs, 339
 intrathymic islet grafts in diabetic BB rats, 363
 transplantation with kidney transplant, 703
 Pancreatectomy
 preservation of duodenum and pylorus in, 575
 regional total, metabolic effects of, 131
 Pancreatitis
 acute, adverse effect of vasoconstrictors in, 168
 alcoholic, acetaldehyde in pathogenesis of, 671
 in gallstone disease, sex differences in, 667
 necrotizing, resection vs peritoneal lavage in, 663
 Pancreatoduodenectomy, pylorus-preserving, with Billroth I reconstruction, gastrin and cholecystokinin responses to, 56
 Peritoneal lavage, compared to resection in necrotizing pancreatitis, 663
 Peritonitis
 antibiotics in, 543, (Editorial) 550
 dietary fat affecting, 74

Phenylephrine, adverse effects in acute pancreatitis, 168
 Popliteal artery embolism, delayed, 50
 Portal vein, preoperative pathology affecting liver transplantation, 696
 Portoenterostomy in biliary atresia, 590
 Portosystemic shunts
 affecting liver transplantation, 696
 compared to liver transplantation in Budd-Chiari syndrome, 581
 Presidential Address, American Surgical Association, 197
 Prostaglandins
 and cytokine release in sepsis, 141
 role of PGE₂ in immunosuppression after injury, 253
 Pulmonary artery catheterization, and outcome of peripheral vascular surgery, 289

R

Residents
 ethical training of, 197
 work hours for (Editorial), 553
 Retroperitoneal sarcoma, (Editorial), 1
 diagnosis and management, 2

S

Sarcoma, soft-tissue
 of gastrointestinal tract, 569
 multimodality therapy in, 328
 retroperitoneal, (Editorial), 1
 diagnosis and management, 2
 Sex differences in gallstone pancreatitis, 667
 Shock
 endotoxin, hypertonic resuscitation in, 64
 hemorrhagic, gut absorptive capacity after, 712
 Skin lymphatic drainage in feline model, 637
 Splanchnic blood flow, calcitonin gene-related peptide affecting, 440
 Sucralfate, and basic fibroblast growth factor levels in duodenal ulcer bed, 414
 Superoxide production by leukocytes in trauma patients, 187

T

Thymectomy, closed mediastinal, in hyperparathyroidism, 555
 Thymopentin with indomethacin, in immunomodulatory therapy, 264
 Thymus, pancreatic islet grafts to, in diabetic BB rats, 363
 Transplantation
 cardiac
 and arteriosclerosis affected by fish oil vs safflower oil, 155
 experience with mechanical circulatory support in, 471
 immunomodulation by anti-idiotypic antibodies, 522
 heart-lung, evolution and new applications of, 456
 intrathymic islet grafts in diabetic BB rats, 363
 of islet-seeded devices in pancreatectomized dogs, 339
 of kidney
 causes of allograft loss in, 679
 experience with cyclosporine immunosuppression in, 42
 immunomodulation by anti-idiotypic antibodies, 522
 pancreas transplant with, 703
 of liver
 in children, from living related donors, 428

- compared to portosystemic shunting in Budd-Chiari syndrome, 581
- compared to resection in carcinoma, 221
- preoperative portal vein pathology affecting, 696
- rejection of, (Editorial), 97
- biology of, 98

Trauma

- abdominal, appendicitis after, 61
- analysis of preventable deaths in, 510
- Doppler pressure measurements of arterial damage in extremities, 737
- nitrogen oxide levels in, 621
- role of PGE² in immunosuppression after, 253
- superoxide production by leukocytes in, 187
- treatment of chronic bone wounds in, 241

Tumor

- colorectal. See Colorectal cancer
- extent of breast cancer resection before radiotherapy, 200
- hepatic resection vs transplantation in carcinoma, 221
- liver metastasis detection with duplex/color Doppler sonography, 599
- lymphoma of breast, 724
- metastases of melanoma. See Melanoma, metastatic
- methionine-deprived diet with 5-fluorouracil in, 83
- mutation of Ki-ras gene in pancreatic cancer, 657
- neurotensin gene release in carcinoid tumor, 448
- NSABP trials of adjuvant chemotherapy in breast cancer, 206
- outcome of metastatic liver disease resection affected by hypotension, 107
- pancreatic cancer cell DNA content, (Editorial) 645, 648
- recurrence of hepatocellular carcinoma after resection in cirrhosis, 114
- soft-tissue sarcoma. See Sarcoma, soft-tissue
- Tumor necrosis factor
 - local effects on wound healing, 175
 - plasma levels in sepsis, 141
 - and superoxide production by leukocytes in trauma, 187

U

- Ulcer, duodenal, angiogenic growth factor therapy in, 414
- Ulcerative colitis, colectomy affecting bile composition in, 396
- Ultrasonography
 - Doppler pressure measurements in extremity arterial trauma, 737
 - duplex/color Doppler system for liver metastasis detection, 599

V**Vasculature**

- aortic dissection management and outcome, 31
- arteriosclerosis affected by fish oil vs safflower oil after heart transplant, 155
- captopril affecting intimal hyperplasia in vein grafts, 727
- cardiovascular hemodynamics affecting peripheral vascular surgery outcome, 289
- delayed popliteal artery embolism, 50
- Doppler pressure measurements of arterial damage in extremities, 737
- experience with aortic root replacement, 308
- late complications of tube-graft repair of abdominal aortic aneurysms, 733
- visceral revascularization techniques, 276
- Vasoconstrictors, adverse effects in acute pancreatitis, 168
- Vasodilator activity of calcitonin gene-related peptide, 440
- Vein grafts, captopril affecting intimal hyperplasia in, 727
- Visceral ischemia, chronic, 276

W**Wound healing**

- oxygen tension and perfusion in, 605
- tumor necrosis factor affecting, 175

Author Index (July-December 1991)

A		Carey, L. C.	321	F	
Abbott, W. M.	50	Carpenter, C. B.	42	Fahey, T. J., III	24
Abdel-Nabi, H.	118	Carr, B.	221	Faist, E.	264
Abedin, M. A.	149	Carretta, M.	339	Fakhry, S. M.	19
Abner, A.	200	Casper, E. S.	328	Fann, J. I.	155
Abrams, J. H.	289	Cates, J. A.	149	Farges, O.	114
Adachi, A.	56	Cerra, F. B.	289, 621	Fekete, F.	114
Agarwal, N.	510	Chang, A.	42	Festekdjian, S. F.	149
Alexander, J. W.	74	Chappell, R.	11, 230	Flowers, J. L.	531
Allison, D. C.	648	Charache, P.	562	Folkman, J.	414
Alverdy, J.	719	Chaudry, I. H.	141, 712	Fong, L. G.	155
Anstadt, M. P.	478	Chaudry, K. I.	712	Fortner, J. G.	131
Antin, J. H.	385	Chavin, K. D.	502	Frantz, E. I.	562
Aoys, E.	719	Chernow, B.	168	Fry, D. E.	543
Armitage, J. M.	471	Cherry, K. J., Jr.	733	Fuchs, D.	264
Ayala, A.	141	Cheu, H.	300		
Ayala, J. J.	11	Chick, W. L.	339	G	
		Chir, M.	689	Gallico, G. G., III	241
B		Chudler, L. C.	712	Gaynor, J.	328
Ba, Z. F.	141	Cioffi, W. G., Jr.	213	Gayten, C. G.	510
Bailey, R. W.	531	Cohen, Z.	396	Gillingham, K. J.	679
Bajorunas, D. R.	131	Coit, D. G.	627	Gilmour, I. J.	289
Baker, A. R.	125	Compton, C.	168, 569	Gloviczki, P.	733
Baker, C. C.	61	Connolly, J. L.	200	Glower, D. D.	31
Balestracci, T.	11, 230	Cooke, T. G.	599	Goldberg, J. A.	599
Ballard, D. J.	733	Cooper, J. D.	555	Goldberg, R.	11
Barber, A. E.	24	Coran, A. G.	590	Goldman, G.	181
Barker, C. F.	363	Crain, B. J.	478	Goodman, H.	614
Barth, R. J., Jr.	125	Cromack, D. T.	175	Goodson, W. H., III	605
Belghiti, J.	114	Cunningham, C. G.	276	Gores, P. F.	679
Belzer, F. O.	703	Curran, R. D.	621	Goseki, N.	83
Benfell, K.	385	Cuschieri, A.	575	Gottlieb, M. S.	614
Benhamou, J. P.	114			Gough, D. B.	253
Benvenisty, A. I.	522	D		Graham, S. M.	531
Berlauk, J. F.	289	D'Alessandro, A. M.	703	Grbic, J. T.	253
Billiar, T. R.	621	Daly, J. M.	502	Griffith, B. P.	471
Billingham, M. E.	155	Darling, R. C.	50	Grosfeld, J. L.	300
Bismuth, H.	581	Delvalle, J.	440		
Block, G. E.	11, 230	DeMeester, T. R.	374	H	
Boitnott, J. K.	648	Demetris, A. J.	221	Hagen, P.-O.	729
Bollinger, R. R.	97	Director, E.	175	Hajdu, S. I.	328
Bolman, R. M., III	456	Doerr, R. J.	118	Hallett, J. W., Jr.	733
Borland, K. M.	339	Dooley, W. C.	648	Hardesty, R. L.	471
Borovetz, H. S.	471	Dougherty, M. J.	569	Hardman, B.	614
Bose, K. K.	648	Dresler, C. M.	131	Hardy, M. A.	522
Brennan, M. F.	107, 328, 627	Drongowski, R. A.	590	Harris, J. R.	200
Brewster, D. C.	50	Dunn, D. L.	550, 679	Harrison, L. B.	328
Broelsch, C. E.	428			Harvey, P. R. C.	396
Bromberg, J. S.	502	E		Hechtman, H. B.	181
Brothers, M. F.	478	Easter, D. W.	575	Heffron, T. G.	428
Buehrer, J. L.	19	Eberlein, T. J.	200	Heironimus, J. D.	213
Busuttil, R. W.	696	Elashoff, R. M.	491	Hemingway, D. M.	599
Bye, R. L.	385	El-Ghazawy, I. M. H.	724	Hennington, M. H.	61
		Emond, J. C.	428	Hertz, M. I.	456
C		Endo, M.	83	Hillaren, D. J.	478
Cagle, L. A.	637	Ertel, W.	141	Holt, S.	667
Calcagno, D.	733	Estrin, J. A.	456	Hopf, H. W.	605
Cambria, R. P.	50	Evers, B. M.	448	Horton, J. W.	64
Cameron, J. L.	562, 648, 671			Howard, W.	149

- | | | | | | |
|-------------------------|-----|--------------------|----------|--------------------|----------|
| Hruban, R. H. | 648 | Marrone, G. C. | 471 | Peitzman, A. B. | 621 |
| Hubbard, S. | 614 | Martin, E. W., Jr. | 321 | Pemberton, J. H. | 403 |
| Hunt, T. K. | 605 | Mason, A. D., Jr. | 213 | Perrillo, J. B. | 308 |
| | | Matas, A. J. | 679 | Perry, R. E. | 374 |
| I | | Maters, A. W. | 562 | Piantadosi, S. | 648 |
| Ilstrup, D. M. | 403 | May, J. W., Jr. | 241 | Piper, J. | 428 |
| Imbembo, A. L. | 531 | McArdle, C. S. | 599 | Pirsch, J. | 703 |
| Ishizuka, J. | 448 | McCann, R. L. | 729 | Pitcher, D. E. | 543 |
| Iwatsuki, S. | 221 | McDermott, K. | 131 | Posselt, A. M. | 363 |
| | | McLeod, R. S. | 396 | Potter, J. J. | 671 |
| J | | McNeil, P. | 414 | Proctor, H. J. | 61 |
| Jamieson, J. | 374 | Menius, J. A., Jr. | 478 | Pruitt, B. A., Jr. | 213 |
| Jeacock, J. | 667 | Messina, L. M. | 440 | Puolakkainen, P. | 663 |
| Jensen, J. A. | 605 | Meyer, A. A. | 19 | | |
| Johansen, K. | 737 | Michelassi, F. | 11, 230 | Q | |
| Jones, W. G., II | 24 | Mikati, E. M. | 729 | Quebbeman, E. | 614 |
| Jonsson, K. | 605 | Milford, E. L. | 42 | | |
| Jordan, B. S. | 213 | Miller, D. C. | 155 | R | |
| Jupiter, J. B. | 241 | Milne, R. L. | 543 | Radic, Z. S. | 729 |
| | | Minei, J. P. | 24 | Rahija, R. J. | 478 |
| K | | Miscall, B. G. | 543 | Rajaraman, S. | 448 |
| Kalayoglu, M. | 703 | Mitchell, E. | 118 | Ramos, E. L. | 42 |
| Kanematsu, T. | 657 | Monaco, A. P. | 339 | Rankin, J. S. | 31 |
| Kasid, A. | 175 | Moncure, A. C. | 50 | Rapp, J. H. | 276 |
| Kirkman, R. L. | 42 | Morris, D. M. | 543 | Rath, D. M. | 403 |
| Kivilaakso, E. | 663 | Morrison, M. H. | 141 | Rattner, D. W. | 168 |
| Kivisaari, L. | 663 | Morton, D. L. | 491, 637 | Recht, A. | 200 |
| Klar, E. | 168 | Mosdell, D. M. | 543 | Redmond, H. P. | 502 |
| Knechtle, S. J. | 703 | Motojima, K. | 657 | Reed, A. | 703 |
| Knighton, D. R. | 289 | Mueller, C. B. | 206 | Reed, E. | 522 |
| Kobzik, L. | 181 | Mulholland, M. W. | 440 | Reemtsma, K. | 522 |
| Kormos, R. L. | 471 | Muller, T. E. | 339 | Rege, S. | 149 |
| Kosaki, G. | 83 | Murphy, J. G. | 510 | Reichart, B. | 264 |
| Kouchoukos, N. T. | 308 | Murphy, S. F. | 308 | Reilly, L. M. | 276 |
| Krag, D. | 118 | | | Rescorla, F. J. | 300 |
| Kupiec-Weglinski, J. W. | 98 | N | | Ridge, B. A. | 50 |
| | | Naessens, J. M. | 733 | Rimmer, S. | 667 |
| L | | Nagata, Y. | 657 | Roark, J. H. | 363 |
| Lang, S. | 264 | Najarian, J. S. | 679 | Robertson, J. | 599 |
| Lazarus, J. M. | 42 | Naji, A. | 363 | Rodrick, M. | 253 |
| Leen, E. | 599 | Naspetti, R. | 374 | Rogatzke, A. | 107, 627 |
| Leffall, L. D., Jr. | 1 | Nishikawa, M. | 56 | Rose, E. | 522 |
| Lempinen, M. | 663 | Nizze, J. A. | 491 | Roslyn, J. J. | 149 |
| Lesperance, M. L. | 206 | Nordback, I. H. | 671 | Rothkopf, D. M. | 241 |
| Li, W. | 414 | Norton, J. A. | 175 | | |
| Lichter, J. L. | 428 | | | S | |
| Lowe, J. E. | 478 | O | | Sainio, V. | 663 |
| Lucas, S. | 667 | Ochoa, J. B. | 621 | Salomon, G. D. | 175 |
| Lynch, K. | 737 | O'Connor, S. R. | 289 | Sank, A. | 175 |
| | | O'Donohoe, M. K. | 729 | Santos, A. A. | 385 |
| M | | Ogle, C. K. | 74 | Sarpa, M. S. | 440 |
| MacGowan, S. | 671 | Ogura, H. | 187 | Sarris, G. E. | 155 |
| Madariaga, J. | 221 | Oldham, K. T. | 590 | Saunders, K. D. | 149 |
| Mahoney, M. D. | 339 | Onodera, T. | 83 | Savage, A. P. | 689 |
| Mahvi, D. M. | 2 | Ozato, H. | 339 | Schelling, M. R. | 385 |
| Maki, T. | 339 | | | Scheuenstuhl, H. | 605 |
| Malt, R. A. | 689 | P | | Schildberg, F.-W. | 264 |
| Mannick, J. A. | 253 | Pairolero, P. C. | 733 | Schlatter, M. | 300 |
| Markewitz, A. | 264 | Panis, Y. | 114 | Schloerb, P. R. | 385 |
| Markmann, J. F. | 363 | Paterson, I. | 181 | Schneider, P. A. | 276 |
| | | Payne, W. D. | 679 | Schnitt, S. J. | 200 |
| | | Peck, M. D. | 74 | Schröder, T. | 663 |

Schwartz, L. B.	729	Sullivan, S. J.	339	W	
Schweitzer, E. J.	679	Sutherland, D. E. R.	679		
Scovill, W. A.	531	Sutherland, G. R.	599	Wachter, H.	264
Selby, R.	221	Suzuki, T.	56	Wadsworth, K.	614
Shaked, A.	696	Szabo, S.	414	Walker, P. B.	64
Sheahan, D. G.	221			Wanek, L.	491
Sheldon, G. F.	19			Wang, P.	141
Shepro, D.	181	T		Wareing, T. H.	308
Sherlock, D. J.	581	Tagge, D. U.	590	Warshaw, A. L.	168, 645
Shiku, H.	657	Tagge, E. P.	590	Welbourn, R.	181
Shing, Y.	414	Talbert, M.	569	Wells, S. A., Jr.	555
Shires, G. T.	24	Talbot, T. L.	175	West, J.	605
Shires, G. T., III	24	Tanaka, H.	187	West, K. W.	300
Shiu, M. H.	328	Tangoku, A.	56	White, W. D.	31
Shumway, S. J.	456	Taylor, T. V.	667	Whittington, P. F.	428
Silen, W.	200	Tedder, M.	478	Whittington, S. H.	428
Simmons, R. L.	621	Telford, G. L.	614	Whitley, W. D.	42
Singh, G.	712	Thistlethwaite, J. R.	428	Wilmore, D. W.	385
Singletary, S. E.	724	Thompson, J. C.	448	Wilson, F. C.	553
Smith, C.	522	Tilney, N. L.	42, 98	Wolfe, W. G.	31
Smith, L. R.	31	Tinsley, E. A., Jr.	61	Wolfram, J.	339
Sokoloff, M. H.	155	Todo, S.	221	Wong, J. H.	491, 637
Sollinger, H. W.	703	Townsend, C. M., Jr.	448	Wood, W. C.	569
Solomon, B.	339	Tsunoda, T.	657		
Speier, R. H.	31	Twiest, M. W.	543	Y	
Stahl, W. M.	510	Tzakis, A. G.	221		
Stanford, G.	168			Yokota, J.	187
Starzl, T. E.	221	U		Yokoyama, I.	221
Stein, H. J.	374			Yoshioka, T.	187
Stevens, L.	428	Udekwa, A. O.	621	Younes, R. N.	107
Stoney, R. J.	276	Urano, T.	657	Young, L. S.	385
Stonnington, M. J.	478			Yun, K. L.	155
Storm, F. K.	2	V		Z	
Stovroff, M.	414				
Strasberg, S. M.	396	Van Thiel, D. H.	221	Zarius, S.	264
Strom, T. B.	42	Vaughan, G. M.	213	Zeppa, R.	197
Suciu-Foca, N.	522	Venzon, D. J.	125	Ziegler, T. R.	385
Sugimoto, H.	187	Vicini, F. A.	200	Zingarelli, P.	241
Sugimoto, T.	187	Voltura, A.	543	Zucker, K. A.	531

STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION (Act of August 12, 1970: Section 3685. Title 39 United States Code) Date of Filing—October 1, 1991, Title of Publication—Annals of Surgery; Frequency of Issue—Monthly; Annual Subscription Price—\$70.00; Location of Known Office of Publication—100 Insurance Way, Suite 114, Hagerstown, MD 21740; Location of the Headquarters or General Business Offices of the Publisher—J. B. Lippincott Company, 227 East Washington Square, Philadelphia, PA 19106; Publisher—J. B. Lippincott Company, 227 East Washington Square, Philadelphia, PA 19106; Editor—David C. Sabiston, Jr., M.D., Professor and Chairman, Department of Surgery, Duke University Medical Center, Durham, NC 27710; Managing Editor—Lynda Krumpolz, 227 East Washington Square, Philadelphia, PA 19106; Owner—J. B. Lippincott Company, 227 East Washington Square, Philadelphia, PA 19106; Known Bondholders, Mortgagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages or other securities—Wolters Kluwer, U.S. Corporation, 1185 Avenue of The Americas, 37th Floor, New York, NY 10036. A. Total no. copies printed (*net press run*), average 17,433; actual 16,000; B. Paid circulation 1. Sales through dealers and carriers, street vendors and counter sales, average none, actual none; 2. Mail subscriptions, average 15,106; actual 14,428; C. Total paid circulation, average 15,106; actual 14,428; D. Free distribution by mail, carrier or other means. Samples complimentary, and other free copies, average 478; actual 287; E. Total distribution (*sum of C and D*), average 15,584; actual 14,715; F. Copies not distributed 1. Office use, leftover, unaccounted, spoiled after printing, average 1,849, actual 1,285; 2. Returns from news agents, none; G. Total (*sum of E & F—should equal net press run shown in A*), average 17,433; actual 16,000. I certify that the statements made by me above are correct and complete. J. W. Lippincott, Publisher.